

Form PTO-1449

**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**  
 (Use several sheets if necessary)

MAR 11 2002

Docket Number (Optional)  
VHSE-P01-002Applicant  
Howard, C.Filing Date  
February 7, 2002Application Number  
~~10/072,808~~Group Art Unit  
N/A

## U.S. PATENT DOCUMENTS

EXAMINER JAT	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JAT	AA 6,340,935	1/22/02	Hall			
JAT	AB 6,278,272	8/21/01	Scarzello et al.			
JAT	AC 6,243,029	6/5/01	Tomer			
JAT	AD 6,229,455	5/8/01	Yost et al.			
JAT	AE 6,147,624	11/14/00	Clapper			
JAT	AF 6,037,880	3/14/00	Manion			
JAT	AG 5,940,481	8/17/99	Zeitman			
JAT	AH 5,910,782	6/8/99	Schmitt et al.			
JAT	AI 5,877,705	3/2/99	Sampey			
JAT	AJ 5,751,973	5/12/98	Hassett			
JAT	AK 5,740,050	4/14/98	Ward, II			
JAT	AL 5,710,743	1/20/98	Dee et al.			
JAT	AM 5,648,906	7/15/97	Amirpanahi			
JAT	AN 5,642,119	6/24/97	Jacobs			
JAT	AO 5,432,508	7/11/95	Jackson			
JAT	AP 5,414,624	5/9/95	Anthonyson			
JAT	AQ 5,339,000	8/16/94	Bashan et al.			
JAT	AR 5,263,118	11/16/93	Cornelison			


## FOREIGN PATENT DOCUMENTS



	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

## OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages Etc.)

JAT	AS	AeroAstro. MSCI Partners with AeroAstro to Fund Noise Monitoring Demo at Gulfport-Biloxi Airport. <i>About AeroAstro</i> , <a href="http://www.spacecommerce.com/msci_companies/aeroastro_pres.html">http://www.spacecommerce.com/msci_companies/aeroastro_pres.html</a> (4 June 2001).
JAT	AT	Algorithms. <a href="http://robotics.eecs.berkeley.edu/~pister/29Palms0103/JasonUpdate/29palms.htm">http://robotics.eecs.berkeley.edu/~pister/29Palms0103/JasonUpdate/29palms.htm</a> (8 November 2001).
JAT	AU	Caruso, Michael J. & Withanawasam, Lucky S. Vehicle Detection and Compass Applications using AMR Magnetic Sensors. <a href="http://www.ssec.honeywell.com">www.ssec.honeywell.com</a> .

Form PTO-1449		Docket Number (Optional) VHSE-P01-002	Application Number N/A 10/072,808
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)		Applicant Howard, C.	
MAR 11 2002		Filing Date February 7, 2002	Group Art Unit N/A
		Crossbow Technology, Inc. Crossbow Technology Now Manufacturing New Wireless 'MICA' Sensors Targeted at Surveillance, Security and Force Protection Applications. Yahoo! Finance, <a href="http://biz.yahoo.com/bw/011024/240541_1.html">http://biz.yahoo.com/bw/011024/240541_1.html</a> (24 October 2001).	
JAT	AW	Fiber & Electro-Optics Research Center. Analysis of Magnetic Signatures Using the Wavelet-Based Signal Processing Techniques. FEORC Press Release, <a href="http://www.ee.vt.edu/~feorc/fiberoptics.htm">http://www.ee.vt.edu/~feorc/fiberoptics.htm</a> (8 November 2001).	
JAT	AX	IMS. FGS1/COB07 Fluxgate Magnetic Field Sensor System: Vehicle Detection and Recognition Using Magnetic Field Sensors. <a href="http://www.ims.fhg.de/datenblaetter/magnetfeldsensorik/vehicle/vehicle-e.html">http://www.ims.fhg.de/datenblaetter/magnetfeldsensorik/vehicle/vehicle-e.html</a> (8 November 2001).	
JAT	AY	InnovaPark, L.L.C. InnovaPark introduces the most innovative parking space management detection technology since the introduction of the electronic parking meter. InnovaPark, L.L.C., 110 Roseville Road, Westport, CT 06880, <a href="http://www.Smart-Meters.com">www.Smart-Meters.com</a> .	
JAT	AZ	Midian Electronics. SPVD-1, Wireless Vehicle Detector. Products, <a href="http://www.midelec.com/html">http://www.midelec.com/html</a> . (8 November 2001).	
JAT	BA	Nu-Metrics. Groundhog®, Permanent Traffic Counter. <a href="http://www.nu-metrics.com">www.nu-metrics.com</a> , Nu-Metrics®, Aquixote Company, Box 518 University Drive, Uniontown, PA 15401.	
JAT	BB	Peek Traffic. Parking guidance system and route information. Which solutions can Peek Traffic offer you?, <a href="http://www.peaktraffic.nl/oposingen/en/parkeren.htm">http://www.peaktraffic.nl/oposingen/en/parkeren.htm</a> (6 December 2001).	
JAT	BC	Phadnis, Chitra. Treat Yourself to Some 'Smart' Parking. Yahoo! India Finance, <a href="http://in.biz.yahoo.com/011113/17/18rmq.html">http://in.biz.yahoo.com/011113/17/18rmq.html</a> (14 November 2001).	
JAT	BD	Ripka, Pavel. Magnetic Sensors for Traffic Control. Dept. of Measurement, Faculty of Electrical Engineering CTU / Technicka 2, 166 27 Praha 6, Czech Republic, <a href="mailto:ripka@feld.cvut.cz">ripka@feld.cvut.cz</a> .	
JAT	BE	SCHICK electronic sa. Signal-Park, The first system which detects, counts and indicates the vacant places. <a href="mailto:Signal-park@schick-sa.com">Signal-park@schick-sa.com</a> ; SCHICK electronic sa, Av. Des Baumettes 9 / 1020 RENENS CH, Switzerland: 1-15 (©2000).	
JAT	BF	Sepoong Ind. Electric Compass Module Vector 2x (2Axis). <a href="http://www.sepoong.co.kr/components/pni/oem/vector2x.htm">http://www.sepoong.co.kr/components/pni/oem/vector2x.htm</a> (8 November 2001).	
JAT	BG	Siemens. Siespace - Car Park Control and Information Systems. Siemens Traffic Controls Limited, <a href="http://www.siemens.co.uk/traffic/siespace.htm">http://www.siemens.co.uk/traffic/siespace.htm</a> (7 December 2001).	
JAT	BH	Siemens AG - Industrial Projects and Technical Services (ATD). Making parking a pleasure in Budapest - Siemens supplies modern parking voucher machines for Hungary's capital. Siemens Industrial Projects and Technical Services, <a href="http://www.atd.siemens.de/news/technical/09002018e.html">http://www.atd.siemens.de/news/technical/09002018e.html</a> (9 November 2000).	
JAT	BI	TCS International. Dambach - Parking Guidance, Electronic Signs, Level and Space Counting Systems. TCS International Products, <a href="http://www.tcsintl.com/parkguide.html">http://www.tcsintl.com/parkguide.html</a> (6 December 2001).	
JAT	BJ	TENET ITMapping. Smart parking systems benefit more than just the car park. Mapping Software Solutions, <a href="http://www.tenet.co.uk/solution/telematics/parking.htm">http://www.tenet.co.uk/solution/telematics/parking.htm</a> (6 December 2001).	
JAT	BK	Twisted Air Technologies. Meter Enhancement Modules: Wireless Communications and Vehicle Detection. <a href="http://www.twistedair.com/msys02.htm">http://www.twistedair.com/msys02.htm</a> (9 November 2001).	
JAT	BL	Video Surveillance and Monitoring. ©2000 Carnegie Mellon University, Robotics Institute, <a href="http://www-2.cs.cmu.edu/~vsam/vsamhome.html">http://www-2.cs.cmu.edu/~vsam/vsamhome.html</a> (10 November 2001).	

Form PTO-1449 <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b> (Use several sheets if necessary)		Docket Number (Optional) VHSE-P01-002	Application Number <del>N/A</del> 10/072,808
		Applicant Howard, C.	
		Filing Date February 7, 2002	Group Art Unit N/A
Ward, Tom. Otay Mesa Road Smart Loop Technology Demonstration Project. ORNICON Corporation, rward@ornicon.com (5 September 2000).			
EXAMINER		DATE CONSIDERED	
		u/23/04	
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.			

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

# Electronic Information Disclosure Statement



## Parking management systems

Application: 10/072808  
Confirmation: 3676  
Applicant(s): Charles Howard  
Docket Number: VHSE-P01-002  
Group Art Unit: 2632  
Examiner:  
search string: (4603390 or 6107942 ).pn.

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### US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Citation No.	Patent Number	Date	Bar Code	Patentee	Class	Subclass
JAT	P01	4603390	1986-07-29		Mehdipour et al.		
JAT	P02	6107942	2000-08-22		Yoo et al.		


### Remarks

(Remarks are not for responding to an office action.)

This submission does not represent that a search has been made or that no better art exists. Nor does it constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and applicants determine that the cited documents do not constitute "prior art" under United States law, Applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of such documents. Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application. This Information Disclosure Statement is being filed before the mailing of a first office action on the merits therefore, no fee is due.



## Signature

Examiner Name	Date
	1/23/04

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Approved for use through 07/31/2006. OMB 0651-0031

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/072808
				Filing Date	February 7, 2002
				First Named Inventor	Charles K. Howard
				Art Unit	2636
				Examiner Name	J. Tweel
Sheet	1	of	1	Attorney Docket Number	VHSE-P01-002

U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number-Kind Code <sup>2</sup> (if known)					
FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>4</sup>
		Country Code <sup>3</sup> -Number-Kind Code <sup>4</sup> (if known)					
JAT	BA	WO 00/46068		08/10/2000	Brett Hall		
JAT	BB	WO 99/30290		06/17/1999	Bartolomeo Mongiardino		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	11/23/04
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